

P16738052

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND CORRESPONDING ARRANGEMENT FOR DC OFFSET
COMPENSATION USING CHANNEL ESTIMATION**

the specification of which was filed on October 9, 2003 as Application No.
PCT/EP2003/011224.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Jenkins & Gilchrist, a Professional Corporation**, 1445 Ross Avenue, Suite 3200, Dallas, Texas 75202, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- ☐ no such foreign applications have been filed
- ☒ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
02388073.5	EP	November 20, 2002	<u> x </u> Yes No <u> </u>
			<u> </u> Yes No <u> </u>
			<u> </u> Yes No <u> </u>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(c), of any United States provisional patent application(s) listed below:

- ☐ no such U.S. provisional applications have been filed.
- ☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/429,618	November 26, 2002	<u> x </u> Yes No <u> </u>
		<u> </u> Yes No <u> </u>
		<u> </u> Yes No <u> </u>

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 23932

all of **Jenkins & Gilchrist, a Professional Corporation**, 1445 Ross Avenue, Suite 3200, Dallas, Texas 75202, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from Telefonaktiebolaget L M Ericsson (publ) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

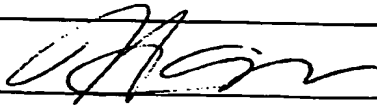
Please mail all correspondence to Stanley R. Moore, whose address is:

Jenkins & Gilchrist, a Professional Corporation
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202

Please direct telephone calls to: Stanley R. Moore at (214) 855-4713.

Please direct facsimiles to: (214) 855-4300

1-00

Full name of sole or first inventor Shousheng He	
Sole or first inventor's signature 	Date Aug. 26, 2005
Residence Södra Sandby, Sweden SEX	
Citizenship Sweden	
Mailing Address Svärmarevägen 3 SE-247 35 Södra Sandby SWEDEN	

POWER OF ATTORNEY

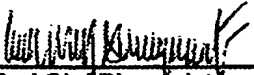
The undersigned, being duly authorised representatives of Telefonaktiebolaget LM Ericsson (publ) (hereinafter referred to as the "LM Ericsson") having its registered office at SE-164 83 Stockholm, Sweden, does hereby authorise Mr. John C. Han (Reg. No. 41,403), Associate General Counsel - IPR of Ericsson Inc, a wholly owned U.S subsidiary of LM Ericsson, to represent LM Ericsson before the United States Patent and Trademark Office (USPTO) in any and all matters regarding patents or patent applications filed by LM Ericsson or wherein LM Ericsson is the assignee of the entire interest thereto.

This Power of Attorney shall include the right for Mr. John C. Han to sign and submit in LM Ericsson's name and on LM Ericsson's behalf any document, notification, filing, petition or request in connection with any patent applications or patents owned by or assigned to LM Ericsson.

This Power of Attorney shall be valid for five (5) years from the date hereof unless earlier revoked. This Power of Attorney may be revoked at any time by LM Ericsson.

Stockholm, Sweden

TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

By: 
Carl Olof Blomqvist
Senior Vice President
And General Counsel

By: 
Gunilla Modén
Vice President

Date: September 27, 2005

Date: September 27, 2005

I the undersigned Mikael Bratt
Notary Public of the city of Stockholm, Sweden, do hereby
certify that Mr Carl Olof Blomqvist and Ms Gunilla Modén
who has/have personally signed this document on behalf
of TELEFONAKTIEBOLAGET LM ERICSSON (publ)
are duly qualified to sign for the said company.
Stockholm, September 28, 2005

Ex officio

Notary Public



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Shousheng He

Application No./Patent No.: 10/534,923

Filed/Issue Date: May 10, 2005

Entitled:

METHOD AND CORRESPONDING ARRANGEMENT FOR DC OFFSET COMPENSATION USING CHANNEL ESTIMATION

Telefonaktiebolaget LM Ericsson (publ)

, a Swedish corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 016935 Frame 0845 or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

John C. Han

Printed or Typed Name

972-583-7686

Telephone Number

Associate General Counsel and Assistant Secretary

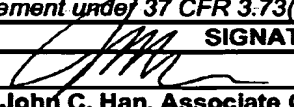
Title

Rec'd

22 DEC 2005

Replaces PTO/SB/82 (04-05)

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/534,923
	Filing Date	May 10, 2005
	First Named Inventor	Shousheng He
	Art Unit	Unknown
	Examiner Name	Unknown
	Confirmation Number	1771
	Attorney Docket Number	P16738US2

I hereby revoke all previous powers of attorney given in the above-identified application.			
<input type="checkbox"/> A Power of Attorney is submitted herewith.			
OR			
<input checked="" type="checkbox"/> I hereby appoint the practitioners associated with the Customer Number:			27045
<input checked="" type="checkbox"/> Please change the correspondence address for the above identified application to:			
<input checked="" type="checkbox"/> The address associated with Customer Number:			27045
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Fax		
I am the:			
<input type="checkbox"/> Applicant/Inventor.			
<input checked="" type="checkbox"/> Assignee of record of the entire interest. See 37 CFR 3.71. <i>Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96)</i>			
SIGNATURE of Applicant or Assignee of Record			
Signature			
Name	John C. Han, Associate General Counsel and Assistant Secretary		
Date	Telephone	972-583-7686	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below			
<input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted.			

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.